



Duker-Reilly-McPherson & Associates, Inc.

Duct Heater Questionnaire

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Name: _____ Company: _____

Phone: _____ E-mail: _____

Job name & location: _____

What the wholesaler, distributor or counterman must know before selling a duct heater. (** = required)

1) How many kilowatts (kw)? Equation to the right _____

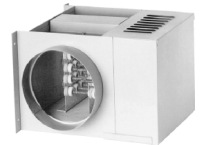
Determine your kw:

$$\frac{CFM * \Delta Temp * 1.08}{3412}$$

2) What voltage & phase? ** Voltage: _____ Phase: _____

3) What control voltage? ** _____

4) What duct size (inches)? ** Width: _____ Height: _____ Diameter: _____



5) What type of construction? Check one. **

- | | |
|---|--|
| <input type="checkbox"/> Open coil | <input type="checkbox"/> Fin tube |
| <input type="checkbox"/> Flanged 1" w/remote panel | <input type="checkbox"/> Flange mount 1" |
| <input type="checkbox"/> Slip-in | <input type="checkbox"/> Slip-in w/ remote panel |
| <input type="checkbox"/> Top/bottom mount application | |



6) Air Flow?

- Vertical Horizontal

7) Heaters require either a fan interlock relay or an air pressure switch for interlock to meet code and UL. A/P switch Fan interlock relay

8) Would you like a disconnect switch for this heater? Yes No

9) Heaters drawing 48+ amps, total load, must have their circuits fused by the manufacturer. Under 48 amps do not! ** Fuse the circuits Do not fuse

10) How many steps or stages is the heater? _____

11) Maximum kw per step or stage **

- | | | | |
|--|--|--|--|
| <input type="checkbox"/> 120V/1Φ 5.5 kw | <input type="checkbox"/> 208V/1Φ 9.8 kw | <input type="checkbox"/> 240V/1Φ 11.5 kw | <input type="checkbox"/> 277V/1Φ 13.0 kw |
| <input type="checkbox"/> 208V/3Φ 15.0 kw | <input type="checkbox"/> 240V/3Φ 17.2 kw | <input type="checkbox"/> 480V/3Φ 25.0 kw | |

12) What type of thermostat? ** Duct mount SCR Control Wall mount

13) Other optional controls or remarks?